



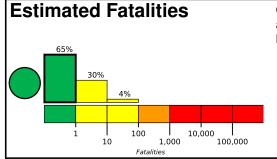


Version 3

M 6.3, 111km SW of Puerto Madero, Mexico

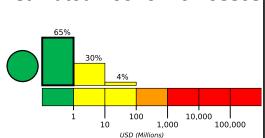
Created: 2 hours, 2 minutes after earthquake

Origin Time: 2019-11-20 04:27:05 UTC (Tue 22:27:05 local) Location: 13.9824° N 93.1298° W Depth: 11.0 km



and economic losses. There is a low likelihood of casualties and damage.

Green alert for shaking-related fatalities Estimated Economic Losses



Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	742k*	1,387k	0	0	0	0	0	0
ESTIMATEI MERCALLI	MODIFIED INTENSITY	I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan

93.6°W 92.8 14.2°N IV 13.4°N

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty. https://earthquake.usgs.gov/earthquakes/eventpage/us70006a6q#pager

Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are mud wall and adobe block with concrete bond beam construction.

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1975-11-05	326	5.0	VI(21k)	1
1976-03-13	243	5.4	VII(43k)	4
1991-09-18	246	6.2	IX(9k)	25

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

MMI	City	Population
IV	El Encanto	2k
IV	Puerto Madero	10k
IV	Brisas Barra de Suchiate	14k
IV	Ayutla	11k
IV	Tinajas 1ra. Seccion	1k
IV	Ciudad Hidalgo	<1k
IV	Tapachula	198k
IV	Huixtla	29k
IV	Coatepeque	46k
Ш	San Marcos	25k
Ш	San Pedro Sacatepequez	40k

bold cities appear on map.

(k = x1000)

Event ID: us70006a6q